 INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)	Docket Number (Optional) MER 03.01	Application Number 10/828,641
	Applicant(s) WITHERS et al.	
	Filing Date April 21, 2004	Group Art Unit 1742

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JR		5,772,724	6.30.98	INOUE et al.	75	10.13	
JR		4,670,110	6.2.87	WITHERS et al.	204	67	
JR		4,338,177	7.6.82	WITHERS et al.	204	243	
JR		4,342,637	8.3.82	WITHERS et al.	204	282	
JR		4,409,083	10.11.83	UPPERMAN et al.	204	245	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JR		"Direct Electrochemical Reduction of Titanium Dioxide to Titanium in Molten Calcium Chloride" Chen et al., <i>Letters to Nature</i> , Vol. 407, 2000, pgs. 361-364
JR		"The Fusion Electrolysis of Titanium, Sixth Castner Memorial Lecture" Kroll, <i>Chemistry and Industry</i> , 1960, pgs. 1314-1322

EXAMINER /Jessee Roe/	DATE CONSIDERED 09/29/2006
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U.S. PATENT DOCUMENTS

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JR		4,431,503	2.14.84	WITHERS et al.	204	294	
JR		5,224,534	7.6.93	SHIMIZU et al.	164	469	
JR		3,825,415	7.23.74	JOHNSTON et al.	75	84.5	
JR		3,989,511	11.2.76	FEY et al.	75	.5	
JR		4,080,194	3.21.78	FEY	75	10	

U.S. PATENT APPLICATION PUBLICATIONS

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							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

JR		"The Production of Ductile Titanium" Kroll, Paper presented at the Seventy-Eighth General Meeting, 1940, pgs. 35-47
JR		"Metallic Titanium" Hunter, <i>General, Physical and Inorganic</i> , pgs. 330-338

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JR		4,107,445	8.15.78	WOLF et al.	13	2	
JR		4,127,409	11.28.78	MEGY	75	84.4	
JR		4,373,947	2.15.83	BUTTNER et al.	75	0.5	
JR		6,231,636	5.15.01	FROES et al.	75	352	
JR		4,670,110	6.2.87	WITHERS et al.	204	67	

U.S. PATENT APPLICATION PUBLICATIONS

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							YES	NO

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

JR		"Why Produce Titanium by EW?" Ginatta, <i>Industrial Insight</i> , 2000, pgs. 18-20
JR		"Some Observations on the Kroll Process for Titanium" Wartman et al., <i>Journal of the Electrochemical Society</i> , 1954, pgs. 507-513

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Group Art Unit

1742

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JR

"Sodium Reduction of Titanic Chloride" Homme et al., *Report of Investigations 5398*, 1958, pgs. 1-29

JR

"Mechanism of Sodium Reduction of Titanium Chloride in Fused Salts" Henri et al., *Report of Investigations 5661*, pgs. 1-37

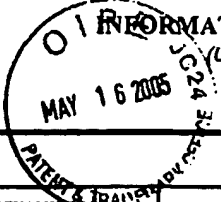
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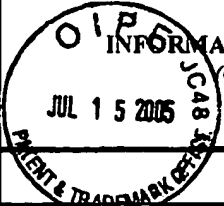
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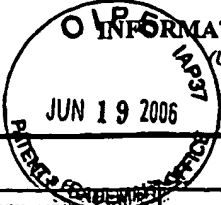
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*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
JR		2,831,802	04/22/1958	RANEY	204	10		
JR		3,083,153	03/26/1963	WAGNER	204	246		
JR		2,722,509	11/01/1955	WAINER	204	64		
JR		2,913,379	11/17/1959	STEINBERG	204	64		
U.S. PATENT APPLICATION PUBLICATIONS								
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
JR		1376813	10/30/2002	CHINA (Derwent Search)	C25C	3/36		✓
JR		635,267	04/05/1950	GREAT BRITIAN	41		✓	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)								
JR		Yasuhiko Ito, Toshiyuki Nohira, "Non-conventional electrolytes for electrochemical applications", ELECTROCHIMICA ACTA , ELSEVIER SCIENCE PUBLISHERS, BARKING, GB, vol. 45, no. 15-16, May 2000, pp. 2612-2622. A. Robin and R.B. Ribeiro, "Pulse electrodeposition of titanium on carbon steel in the LiF-NaF-KF eutectic melt", J. APPLIED ELECTROCHEMISTRY , vol. 30, 2000, pp. 239-246.						
EXAMINER /Jessee Roe/				DATE CONSIDERED 09/29/2006				
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JR		2,904,426	09/15/1959	WAINER	75	10.26		
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	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
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FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
JR		CN 1712571	12.28.05	CHINA (w/translation)	C25C	3/28	✓	
JR		CN1376813A	10.30.02	CHINA (translation only)	C25C	3/36	✓	
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